

Title (en)

MASS-BODY DRIVE FOR A ROTARY TIGHTENING DEVICE

Title (de)

MASSENKÖRPERANTRIEB FÜR EINE ROTATIONSSTRAFFERVORRICHTUNG

Title (fr)

ENTRAÎNEMENT A MASSELOTTES DESTINÉ A UN DISPOSITIF DE SERRAGE ROTATIF

Publication

**EP 0755340 B1 20000119 (EN)**

Application

**EP 95916088 A 19950411**

Priority

- DE 4412150 A 19940411
- DE 4422450 A 19940630
- DE 19503143 A 19950201
- SE 9500388 W 19950411

Abstract (en)

[origin: WO9527638A1] In a rotary tightening device for a safety belt, particularly in motor vehicles, having a belt retractor, whose belt take-up shaft upon triggering of the rotary tightening device coupled thereto is rotated in the take-up direction of the safety belt, there being associated with the belt take-up shaft, as a drive, a driving wheel in whose plane the housing of the belt retractor forms a channel, which embraces the driving wheel over at least part of its periphery, for the through passage of accelerated mass bodies acting as driving means upon the driving wheel and lying loosely adjacent to one another in the channel, the drive is to be improved. To said end, it is provided that the driving wheel (11, 12, 54) is provided at its outer periphery with a gearing (recesses 23; 55) for receiving the mass bodies (18), the pitch of the gearing substantially corresponding to the spacing of the mass bodies (18).

IPC 1-7

**B60R 22/46**

IPC 8 full level

**B60R 22/46** (2006.01)

CPC (source: EP KR)

**B60R 22/46** (2013.01 - KR); **B60R 22/4628** (2013.01 - EP); **B60R 2022/4642** (2013.01 - EP); **B60R 2022/4661** (2013.01 - EP)

Cited by

DE102013010770A1; DE10319718A1; DE102014114140B4; DE102016202648A1; US8770506B2; DE102014114140A1; WO2016050675A1; US10343647B2

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

**WO 9527638 A1 19951019**; AU 2271195 A 19951030; AU 694506 B2 19980723; BR 9507354 A 19970909; CN 1074368 C 20011107; CN 1149857 A 19970514; DE 69514649 D1 20000224; DE 69514649 T2 20000831; EP 0755340 A1 19970129; EP 0755340 B1 20000119; ES 2143625 T3 20000516; JP 2002503168 A 20020129; JP 3368479 B2 20030120; KR 100311640 B1 20011228; KR 970702175 A 19970513

DOCDB simple family (application)

**SE 9500388 W 19950411**; AU 2271195 A 19950411; BR 9507354 A 19950411; CN 95193361 A 19950411; DE 69514649 T 19950411; EP 95916088 A 19950411; ES 95916088 T 19950411; JP 52628695 A 19950411; KR 19960705566 A 19961007